Amendments to the Claims:

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A process ~~Process~~ for configuring a network termination unit for asynchronous packet ATM (Asynchronous Transfer Mode) transmission of data, the data divided into data cells and assembled into packets being transmitted either at a constant data rate CBR~~, e.g., speech and video data,~~ or at a non-constant data rate UBR, the data cells of packets being received and sent over the network termination unit ~~[10]~~, which represents an interface between a transmission line ~~[16]~~ and a data end device ~~[13]~~, **wherein** the number of the data cells in each sent or received data packet is determined in the network termination unit ~~(10)~~, and it is determined therefrom whether an ATM connection with constant CBR or non-constant UBR data rate is present, the data packets of a CBR connection being processed with a higher priority than the data packets of the UBR connection;

wherein adaptation layers with different packet lengths are defined for the transmission of the data packets, where the network termination unit determines a kind of data connection, wherein, on determination of a data packet which contains more than a predefined number of cells, said predefined number being at least two, a UBR packet is detected, and in all other cases a CBR data packet is detected, and the ATM connection is correspondingly classified as a UBR or a CBR connection.

2. (Cancelled)

3. (Currently Amended) The process ~~Process~~ according to claim 1, **wherein** at the beginning of transmission, a CBR connection is always assumed as the initial value.

4. (Currently Amended) The process ~~Process~~ according to claim 1, **wherein** the presence of a UBR or CBR connection is determined only after the

~~evaluation of the results of a predeterminable number~~ determination of the number of data cells in each of a plurality of data packets.

5. (Currently Amended) The process ~~Process~~ according to claim 1, **wherein**, upon ~~on~~ establishing a UBR connection, the network termination unit can optionally be set in the Early Packet Discard ~~EPD~~ (EPD) mode.

6. (Currently Amended) The process ~~Process~~ according to claim 1, **wherein** the data packets detected by the network termination unit ~~[10]~~ as data packets of a UBR connection are fed to a first buffer ~~[11]~~ and the data packets detected by the network termination unit ~~[10]~~ as data packets of a CBR connection are fed to a second buffer ~~[12] with lower storage capacity as against that of the first buffer [11]~~.

7. (Cancelled)

8. (New) A network termination unit for asynchronous packet ATM (Asynchronous Transfer Mode) transmission of data, the data divided into data cells and assembled into packets being transmitted either at a constant data rate CBR or at a non-constant data rate UBR, the data cells of packets being received and sent over the network termination unit which represents an interface between a transmission line and a data end device, **wherein** the number of the data cells in each sent or received data packet is determined in the network termination unit and it is determined therefrom whether an ATM connection with constant CBR or non-constant UBR data rate is present, the data packets of a CBR connection being processed with a higher priority than the data packets of the UBR connection;

wherein adaptation layers with different packet lengths are defined for the transmission of the data packets, where the network termination unit determines a kind of data connection, wherein, on determination of a data packet which contains more than a predefined number of cells, said predefined number being at least two, a UBR packet is detected, and in all other cases a CBR data packet is detected, and the ATM connection is correspondingly classified as a UBR or a CBR connection.